

CROWELL & MORING, LLP Intellectual Property Group P.O. Box 14300 Washington, D.C. 20044-4300 (202) 624-2500



April 20, 2004

Customer No.

23911

Mail Stop PATENT APPLICATION

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 Re: New U.S. Patent Appln. Our Ref: 056208.53996US

Sir:

Transmitted herewith for filing is the patent application of:

Noboru Tokuyasu, Toshiharu Nogi and Takashi Yoshida

entitled:

FUEL SUPPLY SYSTEM AND METHOD OF DIRECT FUEL

INJECTION ENGINE

Enclosed are:

- 1. Specification, including 19 claims (pages 39).
- 2. 8 Sheets of X Formal Informal drawings showing Figs. 1-10
- 3. Declaration and Power of Attorney (executed).
- 4. Application Data Sheet
- 5. Assignment of the invention to Hitachi, Ltd.
- 6. Priority is being claimed under 35 U.S.C. §119 and 37 C.F.R. §1.55 based on Priority Document 2003-115664, filed in Japan on April 21, 2003.
- 7. Certified copy of Priority Document <u>2003-115664</u> filed in <u>Japan</u> on <u>April 21, 2003</u>, the priority of which is being claimed under 35 U.S.C. §119 and 37 C.F.R. §1.55.
- 8. The filing fee has been calculated as shown below:

Basic Fee							\$385/770	= \$770.00
Total Claims	19	-	20	= _	0	x	\$9/18	= \$ 00.00
Independent Claims	3	_	3	= _	0	x	\$43/86	= \$ 00.00
Multiple Dependent	_	\$140/280	= \$					
Total Filing Fee								

Two checks in the amount of \$770.00 for the filing fee and \$40.00 for the assignment recording fee are enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 05-1323 (Docket #056208.53996US). A duplicate copy of this sheet is enclosed.

Respectfully submitted,

James F. McKeown

Reg. No. 25,406

JFM/lvb 314893

PTO/SB/17 (10-03)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
o a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2004						Complete if Known							
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Effective 10/01/2003. Patent fees are subject to annual revision.						xamine	er Name		To Be Assig	To Be Assigned			
☐ Applicant claims small entity status. See 37 CFR 1.27						rt Unit			To Be Assig	To Be Assigned			
TOTAL AMOUNT OF PAYMENT (\$) 810					Α	ttorney	Docket	t No.	056208.5399	056208.53996US			
METHOD OF PAYMENT (check all that apply)						FEE CALCULATION (continued)							
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	The Director is authorized to: (check all that apply) ☐ Charge fee(s) indicated below ☐ Charge any deficiency or credit					50	2052		Surcharge - late pro	visional filing fee	or		
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Docket No. 0					1812	2,520	1812		• '	r filing a request for ex parte reexamination			
☐ Charge a	ny additiona	l fee(s) during the pendenc	y of this application.	1804	920*	1804			equesting publication of SIR prior to			
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			CALCULATION		1251	110	2251		Extension for reply v	vithin first month			
1. BASIC	FILING FE	E			1252	420	2252		Extension for reply v		oth		
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1002	340 2002	170	Design filing fee		1401	330	2401	165	Notice of Appeal				
1003	530 2003	265	Plant filing fee		1402	330	2402	165	Filing a brief in supp	ort of an appeal			
1004	770 2004	385	Reissue filing fee		1403	290	2403	145	Request for oral hea	ning			
1005	160 2005	80	Provisional filing fee		1451	1,510	1451	1,510	Petition to institute a	public use proce	eding		
			SUBTOTAL (1)		1452	110	2452	55	Petition to revive - u	ınavoidable			
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1203 290					1004	770	2004		examined (37 CFR)		BCE)		
1204 86	4 86 2204 43 ** Reissue independent claims over original patent					770 900	2801 1802		Request for Continu Request for expedite		NOE)		
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and over original patent SUBTOTAL (2) \$ 00.00				Other	fee (spe	cify)		-			L		
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**or number previously paid, if greater; For Reissues, see above.												40	
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SUBMITTED BY									Complete (if app	licable)			
Name (Print/	Type)	Jame	A. McKeown			ation No ey/Agent		25,40	96	Telephone	202-624-2	500	

Date 04/20/2004 Signature

WARNING: Information on this form may become public. Credit card Information should not be

included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450